

↑AFFIX CUSTOMER NO. LABEL ABOVE ↑

Page 1 of 2

FORM PTO-1449

## INFORMATION DISCLOSURE CITATION

Attorney Docket:  
1232-5114Serial No.:  
10/643,550Applicant:  
Yoshinori ITOFiling Date:  
August 19, 2003Group Art Unit:  
2873

## U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
W-C	AA	4,802,747	2/7/89	Horiuchi	359	687	
	AB	4,662,723	5/5/87	Imai	359	680	
	AC	4,733,952	3/29/88	Fujioka	359	681	
	AD	5,434,710	7/18/95	Zozawa	359	689	
	AE	4,687,302	8/18/87	Ikemori, et al.	359	686	
	AF	6,191,896	2/20/01	Itoh	359	689	
	AG	5,872,660	2/16/99	Kohno, et al.	359	689	
	AH	6,038,084	3/14/00	Okada, et al.	359	689	
✓	AI	5,978,154	11/2/99	Hashimura	359	691	

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
W-C	AJ	63-81313	4/12/88	Japan	—	—	
	AK	3-296706	12/27/91	Japan	—	—	Abstract
	AL	7-52256	2/28/95	Japan	—	—	
	AM	60-31110	2/16/85	Japan	—	—	
	AN	10-104520	4/24/98	Japan	—	—	Abstract
	AO	11-84242	3/26/99	Japan	—	—	
	AP	5-323190	12/7/93	Japan	—	—	Abstract
	AQ	9-21950	1/21/97	Japan	—	—	
✓	AR	10-3037	1/6/98	Japan	—	—	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)

AS		
Examiner	<i>zle</i>	Date Considered 7/16/04
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		

BEST AVAILABLE COPY

<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket:	Serial No.:
	1232-5114	10/643,550
	Applicant:	
	Yoshinori ITO	
	Filing Date:	Group Art Unit:
	August 19, 2003	2873


**U.S. PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
W.C.	BA	6,308,011	10/23/01	Wachi, et al.	396	72	
W.C.	BB	6,498,687	12/24/02	Sekita, et al.	389	680	
	BC						
	BD						

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
W.C.	BE	10-206732	8/7/98	Japan			Abstract
W.C.	BF	2000-19392	1/21/00	Japan			
W.C.	BG	2000-89110	3/31/00	Japan			
W.C.	BH	2000-275520	10/6/00	Japan			Abstract
W.C.	BI	2001-272602	10/5/01	Japan			Abstract
	BJ						
	BK						
	BL						
	BM						
	BN						
	BO						

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)**

BP	
Examiner	Date Considered
	9/16/04
<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.          Draw line through citation if not in conformance and not considered.          Include copy of this form with next communication to Applicant.</p>	